| Index of | Claims |
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Application No.

Applicant(s)

10/015,893

DE CLIPPEL, ERIK EDWARD MARK

Examiner

Art Unit

| / | Rejected | - | (Through numeral)<br>Cancelled |  |  |  |  |
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| = | Allowed  | ÷ | Restricted                     |  |  |  |  |

| N | Non-Elected  |
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| ı | Interference |

David H. Malzahn

| A | Appeal   |
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2124

| Cla      | aim  | Γ  |  |                |  | Date       | —<br>е   |  |                |                 |
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| -        | Original   | 8/24/04  | ļ  |                |  |            |          |  | i              |                 |
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| ш        | ŏ  | 8  |  |                |  | Ì          | ĺ        |  |                |                 |
|          |  | 1  | <u> </u>   | _              | _  | <u> </u>   | L_       | L  | ļ              |                 |
|          | _1   | R<br>R   |  | _              | L_   | <u>L</u>   | L.       |  |                | L.              |
|          | _2   | Ŕ  |  |                |  |            | _        |  |                |                 |
|          | 3  | R  |  | Γ              |  |            |          |  |                |                 |
|          | 4  | R  |  |                |  |            |          |  | $\vdash$       |                 |
| <u> </u> | 1<br>2<br>3<br>4<br>5  | R  | 1  |                | $\vdash$   | $\vdash$   |          |  | 1              | $\Box$          |
|          | 6  | R  | $\vdash$   | 1-             |  | -          | <u> </u> | H  | 1-             |                 |
| -        | 6<br>7   | R  | i –  | -              | $\vdash$   | !-         | -        | <del>  -</del>                                   | -              | $\vdash$        |
|          |  | <del>  ``</del>                                  | $\vdash$   | ╁─             | -  | -          | ├─       | $\vdash$   | 1              | $\vdash$        |
|          | 8<br>9   | -  | ┢  | $\vdash$       | ⊢  | ├          | ├        | ┢  | ├              | -               |
|          | 9  | ├—   |  | ├-             | <u> </u>   | ├—         | -        |  | -              | <u> </u>        |
|          | 10   | <del> </del>                                     | <u> </u>   | L              | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>   | ╙              | 1               |
|          | 11   | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>   | <u>L</u> . | <b>-</b> | <b>_</b>   | L_             |                 |
|          | 12   | <u> </u>   |  | <u>_</u>       |  | <u> </u>   | <u> </u> | <u> </u>   | L.             | Ц,              |
|          | 13   | L  |  | L.             |  | _          | L        | L  | _              |                 |
|          | 14   | L  | L  | L              | L  | L          | L        | $\Box$   | L              | $\Box$          |
|          | 15   | [  |  |                |  |            |          |  | Γ              |                 |
|          | 16   | Γ  |  | Τ              |  |            | Γ        | Ė  | Ι              |                 |
|          | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22 | <u> </u>   |  | Г              | f  |            | $\vdash$ | $\vdash$   |                |                 |
|          | 18   | <del>                                     </del> |  |                | <del> </del>                                     |            | -        | $\vdash$   | $\vdash$       | -               |
| <u> </u> | 10   |  | $\vdash$   | $\vdash$       |  | -          | ├─       | ┢  | ┢              | -               |
|          | 20   | ├  |  |                | -  | -          | -        | -  | <del> </del>   |                 |
| <u> </u> | 20   | ├─   | ⊢  | ├-             | ├-   | ⊢          | ├—       | -  | ├              | $\vdash$        |
| . —      | 21   | ļ  | <u> </u>   | ⊢              |  | -          | -        | $\vdash$   | _              |                 |
|          | 22   | <del> </del>                                     | -  | _              | <u> </u>   | _          | <u> </u> | ┞-   |                | 1               |
|          | 23   | _  |  | L.             | L.   | _          | ļ        |  | <u> </u>       |                 |
|          | 24   | <u> </u>   | <u>_</u>   | Ļ_             | L  |            | _        | L  | <u>L</u>       | L               |
|          | 25   | _  |  | <u> </u>       | L  |            | L        | L  |                |                 |
|          | 23<br>24<br>25<br>26<br>27   |  | _  |                |  |            | L.       | L  | <u> </u>       |                 |
|          | 27   |  |  |                |  |            | L        |  |                | L               |
|          | 28   |  |  |                |  | [          |          |  |                |                 |
|          | 28<br>29   |  |  |                |  |            |          |  |                |                 |
|          | 30   |  |  |                | _  |            |          |  | Г              |                 |
|          | 31   | <u> </u>   | H  | i –            | -  | Ĺ          | 1        | -  | ļ.             | М               |
|          | 31<br>32   | $\vdash$   | <u> </u>   | $\vdash$       | _  | -          | $\vdash$ | $\vdash$   | <del>  -</del> | Н               |
| <b></b>  | 33   |  |  | <del>  -</del> | -  | $\vdash$   | -        | -  | $\vdash$       | -               |
| ļi       | 33<br>34   |  | <del> </del>                                     | $\vdash$       |  |            | $\vdash$ |  | -              | $\vdash$        |
| <b></b>  | 35   | $\vdash$   |  | -              | ├-   | -          | -        | ┢  | -              | $\vdash$        |
|          | 36   |  | <u> </u>   | $\vdash$       | <del> </del>                                     | $\vdash$   | ├—       | ├-   | ├              | $\vdash$        |
|          | 30   | -  |  | -              |  | <u> </u>   | <u> </u> | Ŀ  |                | $\vdash \dashv$ |
| <b>_</b> | 37   | <b> </b>   | <u> </u>   | $\vdash$       |  | <u> </u>   | <u> </u> | <u> </u>   |                | $\vdash$        |
| ļ        | 38   | L.,  | <u> </u>   | _              | <u> </u>   | $\vdash$   | <u> </u> |  | <u>L</u>       | $\sqcup$        |
| <u> </u> | 39   | $oxed{oxed}$                                     | <u> </u>   | L              | <u>L</u> _                                       | <u> </u>   | <u> </u> | <u> </u>   | _              | Ш               |
| L        | 40   |  |  | <u></u>        | L_   |            | L        | L.   |                |                 |
| ļ        | 41   |  | <u>L</u>   | <u> </u>       | <u> </u>   |            | <u> </u> | L_   | L.             |                 |
|          | 42   |  | _  |                |  |            | _        | _  |                | $oxed{oxed}$    |
|          | 43   |  | L  | LĪ             | L  | L          |          | L  |                |                 |
|          | 44   |  |  |                |  |            |          |  |                | $\Box$          |
|          | 45   |  |  |                |  |            |          | $\Box$   | Π              | Π               |
|          | 46   |  | <del>                                     </del> | П              |  |            | <u> </u> | $\vdash$   |                | П               |
|          | 47   | $\vdash$   |  |                | Ι-   |            |          |  | -              | $\vdash \dashv$ |
|          | 48   |  | -  | Н              | Ι-   | Н          | _        | <del>                                     </del> | $\vdash$       | H               |
| $\vdash$ | 49   | Н  | $\vdash$   |                |  | -          |          | <u> </u>   |                | $\vdash$        |
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| Claim         |                | Date     |          |                |          |                   |              |          |              |             |  |
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| <u>~</u>      | Original       |          |          |                | ļ        |                   |              |          |              |             |  |
| Final         | įį             |          | ĺ        | (              |          | 1                 | Ì            | ĺ        | ĺ            |             |  |
| 1 -           | ō              |          |          |                |          |                   | l            |          | Ì            |             |  |
| <u> </u>      |                | -        |          | <b>⊢</b>       | ⊢        | <del> </del> —    | ⊢            | ┡        | ├-           | $\vdash$    |  |
| <u> </u>      | 51<br>52       | <u> </u> | <u> </u> | <u> </u>       |          | <del> </del> —    | ⊢            | <u> </u> | -            |             |  |
|               | 52             | <u> </u> | ļ        | -              | <u> </u> |                   | <u> </u>     | L        | <u> </u>     | <b>.</b>    |  |
|               | 53             | <u> </u> | _        |                |          | <u> </u>          | <u> </u>     |          |              |             |  |
|               | 54<br>55       | L.       | L        | L              |          | L                 | Ц.           | _        | L_           | L           |  |
|               | 55             | L.       |          | L              | L        | _                 | L_           | <u> </u> |              |             |  |
|               | 56             |          |          |                | ]        |                   | Ц.           | _        |              | <u></u>     |  |
|               | 57             |          | L.       | <u>L</u>       |          |                   |              |          |              |             |  |
|               | 58             |          |          |                |          |                   |              |          |              |             |  |
|               | 59             |          |          |                |          |                   |              |          |              |             |  |
|               | 60             |          |          |                |          |                   |              |          |              |             |  |
|               | 61             |          |          |                |          |                   | Ī —          |          |              |             |  |
|               | 62             | $\Box$   | Γ        | T              |          | $\vdash$          | $\vdash$     | <u> </u> |              |             |  |
|               | 63             |          |          |                |          | $\vdash$          | 1_           |          | ┌─           | П           |  |
| <u> </u>      | 64             | ┢        | Ι-       | Ι              | $\vdash$ | $t^-$             | $\vdash$     | $\vdash$ | $\vdash$     | H           |  |
| <u> </u>      | 65             | -        | $\vdash$ | +-             | 1        | 1                 | ┢            |          | <u> </u>     | -           |  |
| <u> </u>      | 66             | ├        | $\vdash$ | ├—             | -        |                   | ⊢            | -        |              | H           |  |
| -             | 67             |          | $\vdash$ | -              | -        | $\vdash$          | -            | -        |              | -           |  |
|               | 68             |          | ├        | ├-             | $\vdash$ |                   | ├-           | <u> </u> |              | H           |  |
| -             | 69             |          | -        | <del> </del> — | -        | -                 | ⊢            | _        |              | Н           |  |
|               | 70             |          |          | ├              | ⊢        |                   |              | -        | <u> </u>     | H           |  |
|               | 70             | ├-       | ⊢        |                | <u> </u> | ├-                | ├-           | -        |              | Н           |  |
|               | 71<br>72       | ļ        | ├        | ├_             | ┝        |                   | ⊢-           |          |              | $\sqcup$    |  |
| <u> </u>      | 72             | <u> </u> | -        | <del> </del> - | _        | 1                 | <del> </del> | <u> </u> | <del> </del> |             |  |
|               | 73<br>74<br>75 | <u> </u> | ┝        |                | $\vdash$ | <u> </u>          | <del> </del> |          |              | -           |  |
| <u> </u>      | /4             | <u> </u> | <u> </u> | <del> </del> — | _        | <u> </u>          | ├-           |          |              | L           |  |
|               | /5             | <u> </u> | ļ        | <u> </u>       | <u> </u> |                   | <b> </b>     | _        | <u> </u>     | Щ           |  |
|               | 76<br>77       | <u> </u> | ┞        |                | <u> </u> | <u> </u>          | <b>├</b> -   |          |              | Н           |  |
|               | 11             | <u> </u> | ļ        | _              | Ļ        |                   | <u> </u>     | _        | <u> </u>     | Щ           |  |
|               | 78             | <u> </u> | _        | <u> </u>       | L        | L.                | <b> </b>     | <u> </u> | _            | $\vdash$    |  |
|               | 79             | <u> </u> | <u> </u> | <u> </u>       | ldash    | _                 | <u> </u>     | L.       | <b> </b>     | Щ           |  |
|               | 80             | <u> </u> | ļ        | <u> </u>       | <u> </u> | L                 | ļ            | <b>!</b> | ļ            | Ь,          |  |
| -             | 81             | <u> </u> | _        | L              | <u> </u> |                   | L.           | L.       | _            |             |  |
|               | 82             | L_       | _        | <u> </u>       | L        | L                 | <u> </u>     | L        | _            | L           |  |
|               | 83             | <u> </u> | <u> </u> | <u> </u>       | <u> </u> | _                 | <u> </u>     | <u> </u> | <u> </u>     | $\sqcup$    |  |
| <u> </u>      | 84             | <u> </u> | <u> </u> | L_             | <u> </u> | <u> </u>          | <u> </u>     |          | <u> </u>     | Щ           |  |
| L             | 85             | _        | L.       | L_             | <u> </u> |                   | <u> </u>     | <u> </u> | <u> </u>     | Щ           |  |
| L             | 86<br>87       | <u> </u> | L_       | <u> </u>       | <u> </u> | <u> </u>          | <u> </u>     | <u> </u> | L.           | Щ           |  |
| ļ             | 87             | <u> </u> | L        | <u> </u>       | <u> </u> | $ldsymbol{f eta}$ | <u>L</u> _   |          | <u> </u>     | 니           |  |
| <u></u>       | 88             | L.,      |          | <u> </u>       | <u> </u> | <u>_</u>          |              | <u> </u> | <u> </u>     | Ш           |  |
|               | 89             | <u> </u> | _        |                | L        | L                 | <u> </u>     |          |              | Ш           |  |
|               | 90             |          | L_       | L_             |          | _                 |              | _        | <u> </u>     |             |  |
|               | 91             | L        |          | L              | L.       |                   | <b>!</b>     |          | <u> </u>     | Ш           |  |
| L             | 92             |          | L.       | L              | <u>L</u> |                   | <u>L</u> _   | L_       |              | <u>[_</u> ] |  |
|               | 93             |          |          | <u> </u>       | <u> </u> | L                 | <u> </u>     |          |              | oxdot       |  |
|               | 94             |          |          | ٦.             |          |                   |              |          |              |             |  |
|               | 95             |          |          |                |          |                   |              |          |              | ∐]          |  |
|               | 96             |          |          |                |          |                   | L            |          |              |             |  |
|               | 97             |          |          |                |          |                   | $\Box$       |          |              |             |  |
|               | 98             |          |          |                |          |                   |              |          |              |             |  |
|               | 99             |          |          |                |          |                   |              |          |              |             |  |
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| Cli      |            |              |          | [            | Date         | е .                       |              |          |              |                 |
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| Final    | ij         |              |          |              | ĺ            | (                         | 1            | 1        | ĺ            |                 |
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|          | 101        | H            | -        | -            | $\vdash$     | -                         | $\vdash$     | 1        | -            | $\vdash$        |
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|          | 102        | H            | -        |              | ⊢            | -                         | $\vdash$     | -        |              | $\vdash$        |
|          | 103<br>104 | ┝-           | ├        | -            | -            | <del> </del> —            | ⊢            | <u> </u> | -            | H               |
|          | 105        | _            |          | <u> </u>     | -            | -                         | ├            |          | -            | Н               |
|          | 100        | <del> </del> | _        |              | <del> </del> | -                         | $\vdash$     |          |              | $\vdash$        |
|          | 106<br>107 | _            | <u> </u> | <u> </u>     |              | ├                         |              | $\vdash$ | ├-           | Н               |
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|          | 108        | <u> </u>     | _        | <u> </u>     | -            | -                         | ┝╌           | $\vdash$ |              | $\vdash$        |
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| <u> </u> | 110        |              |          |              | -            | <u> </u>                  | ├            | <u> </u> | <u> </u>     | $\vdash$        |
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| <u> </u> | 112        | $\vdash$     | <u> </u> | <u> </u>     | _            |                           | ⊢            | <u> </u> | <del> </del> | <b> </b> -      |
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| <u> </u> | 114        |              |          | <u> </u>     |              | $ldsymbol{ldsymbol{eta}}$ | ┞-           | ļ        | <u> </u>     | Н               |
|          | 115        | <u> </u>     | <u> </u> | <u> </u>     | L            | <u> </u>                  | <b> </b>     |          | <u> </u>     |                 |
| <u> </u> | 116        | L.,          | <u> </u> | <u> </u>     |              |                           | <del> </del> | L        | <u> </u>     | Щ               |
|          | 117        |              |          | L_           |              | <u> </u>                  | L            |          | L_           |                 |
| L        | 118<br>119 |              |          | L_           |              | _                         | <u> </u>     |          | L            | Щ               |
|          | 119        |              |          | Ļ_           |              |                           | L            |          |              |                 |
|          | 120        |              | _        |              |              | L.                        | <u> </u>     |          |              |                 |
|          | 121        |              |          | L            |              |                           |              |          | L            |                 |
| L_       | 122        |              |          |              |              | _                         |              |          |              | Ш               |
|          | 123<br>124 |              |          | <u> </u>     |              | _                         |              |          |              |                 |
|          | 124        | L.,          |          |              |              | L                         | L_           |          | _            |                 |
|          | 125<br>126 |              |          |              | _            | L                         |              |          | L_           |                 |
|          | 126        |              | _        |              | L            |                           |              |          |              |                 |
| L        | 127        |              |          |              | L.,          |                           |              |          | L_           |                 |
|          | 128<br>129 |              |          |              |              | _                         |              |          | <u></u>      | Щ               |
|          | 129        |              |          | _            |              | <u>L</u>                  |              |          | <u> </u>     |                 |
|          | 130        |              |          |              | L            |                           |              |          |              |                 |
|          | 131        |              |          | _            | _            |                           |              |          |              |                 |
|          | 132        |              |          |              |              |                           |              |          |              |                 |
| L        | 133<br>134 |              |          |              |              |                           |              |          |              |                 |
|          | 134        |              |          |              |              |                           |              |          |              |                 |
|          | 135        |              |          | L            |              |                           |              |          |              |                 |
|          | 136        |              |          |              |              | L                         |              |          |              |                 |
|          | 137        |              | -        |              |              |                           |              |          |              |                 |
|          | 138        |              |          |              |              |                           |              |          |              |                 |
|          | 139        |              |          |              | L.           | ,                         |              |          |              |                 |
|          | 140        |              |          | L            |              |                           |              |          |              |                 |
|          | 141        |              |          |              |              |                           |              |          |              |                 |
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|          | 143        |              |          |              | $\Box$       |                           | L            |          |              |                 |
|          | 144        |              |          |              |              |                           | L_           |          |              |                 |
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